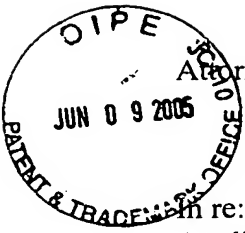


1FW\$



Attorney Docket No. 5649-1169

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:                   Joung-Yeal Kim;                   Group Art Unit: 2819  
 Application No.: 10/701,321                   Confirmation No.: 5300  
 Filed:               November 4, 2003                   Examiner: Anh Q. Tran  
 For:   OUTPUT BUFFER CIRCUITS INCLUDING LOGIC GATES HAVING  
 BALANCED OUTPUT NODES

Date: June 7, 2005

MAIL STOP AMENDMENT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application.

- ☐ Applicant claims small entity status. See 37 CFR §1.27.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
Total	31	55	= 0	x 25=	\$	x 50=	\$ .00
Indep	3	7	= 0	x100=	\$	x200=	\$ .00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+180=	\$	+360=	\$
				Total Add. Fee	\$	OR Total	\$ .00


- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

Attorney Docket No.: 5649-1169  
Application No.: 10/701,321  
Filed: November 4, 2003  
Page 2

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- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$\_\_\_\_\_ for \_\_\_\_\_.
- ☐ A check in the amount \$\_\_\_\_\_ to cover \_\_\_\_\_ is enclosed.
- ☒ The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.

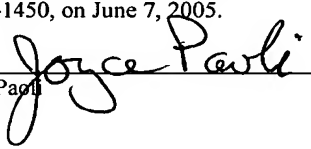
Respectfully submitted,

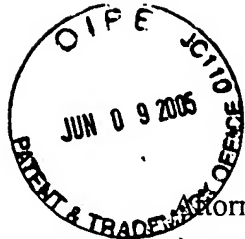
  
Scott C. Hatfield  
Registration No. 38,176

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Raleigh, NC 27627  
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**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on June 7, 2005.

  
\_\_\_\_\_  
Joyce Parli



Attorney Docket No. 5649-1169

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Joung-Yeal Kim;

Confirmation No.: 5300

Application No.: 10/701,321

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For: **OUTPUT BUFFER CIRCUITS INCLUDING LOGIC GATES  
HAVING BALANCED OUTPUT NODES**

Date: June 7, 2005

MAIL STOP AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**AMENDMENT RESPONSIVE TO OFFICE ACTION OF MARCH 8, 2005**

Sir:

The Applicant provides the present Amendment to address the issues raised in the Office Action mailed March 8, 2005.

It is not believed that an extension of time and/or additional fee(s)-including fees for net addition of claims-are required, beyond those that may otherwise be provided for in documents accompanying this paper. In the event, however, that an extension of time is necessary to allow consideration of this paper, such an extension is hereby petitioned under 37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper may be charged to our Deposit Account No. 50-0220.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 15 of this paper.